

Application No. 09/903,788
Reply to Office Action of July 25, 2003

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Withdrawn): A manufacturing method of charcoal grilled foods comprising the steps of:

firing charcoals after spreading over the conveyer made of heat-resistant material and having gas permeability,
transferring a forge of the fired charcoals with a variable velocity conveyer, and
charcoal grill cooking while transferring foods using a conveyer for the ingredients provided over the forge.

Claim 2 (Withdrawn): A manufacturing method of charcoal grilled foods as claimed in claim 1, characterized in that keeping the heating power of the charcoal fire constant by installing a temperature sensor in the forge where the burning charcoal fire is transferred with a conveyer, detecting the heating power with the temperature sensor, and controlling the transfer velocity of the conveyer.

Claim 3 (Withdrawn): A manufacturing method of charcoal grilled foods as claimed in claim 2, characterized in that packaging the charcoals piled up beforehand by combustible packaging material and in that supplying the packaged charcoals on to the conveyer appropriately.

Claim 4 (Withdrawn): A manufacturing method of charcoal grilled foods as claimed in claim 2, characterized in that charcoal grill cooking the foods sequentially turning over one after another among the transferring stage of the foods.

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Claim 5 (Withdrawn) A manufacturing method of charcoal grilled foods as claimed in claim 4, characterized in that applying sauce onto the foods among the transferring stage of the foods.

Claim 6 (Currently Amended) A forge for preparing charcoal grilled foods having a leading edge, a trailing edge, and at least a first and a second heating section between said leading and said trailing edges, said forge comprising:

a forge conveyer, provided with means to control a transferring velocity of the forge conveyer, said forge conveyer being configured to horizontally transfer a pile of burning charcoals from a leading end of the forge conveyer to an exhaust outlet for the burned charcoals at a trailing end thereof, said forge conveyer being made of a heat-resistant material and having gas permeability;

at least one a first and a second temperature sensor located in said first and said second heating sections, respectively, between said leading and trailing edges and configured to detect the heating power inside each heating section of the forge;

at least one a first and a second variable output air blower for supplying combustion air to the pile of burning charcoals in said first and said second heating sections, respectively, on the basis of the detected heating power inside each heating section of the forge; and

a transportation conveyer configured to hold and transport a plurality of foods being grilled by the burning charcoals.

Claim 7 (Previously Presented) A forge for preparing charcoal grilled foods as claimed in claim 6, wherein said forge conveyer is a mesh conveyer.

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Claim 8 (Previously Presented) A forge for preparing charcoal grilled foods as claimed in claim 7, wherein said transportation conveyer is a chain conveyer.

Claim 9 (Previously Presented) A forge for preparing charcoal grilled foods as claimed in claim 6, wherein said forge conveyer is a chain conveyer.

Claim 10 (Previously Presented) A forge for preparing charcoal grilled foods as claimed in claim 9, wherein said transportation conveyer is a net conveyer.

Claim 11 (Previously Presented) A forge for preparing charcoal grilled foods as claimed in claim 6, further comprising a means for applying sauce.

Claim 12 (Canceled).

Claim 13 (Currently Amended) A forge for preparing charcoal grilled foods as claimed in claim 6, wherein the heating power of inside each heating section of the forge is regulated constantly.

Claim 14 (New) A forge for preparing charcoal grilled foods as claimed in claim 6, wherein said transferring velocity of said forge conveyer is changed on the basis of said detected heating power.

Claim 15 (New) A forge for preparing charcoal grilled foods as claimed in claim 6, further comprising at least a first and a second ashtray suction inlet disposed substantially near said forge conveyer in each of said first and said heating sections, respectively, said first

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and said second ashtray suction inlets being configured to remove ash from said forge conveyer.

Claim 16 (New) A forge for preparing charcoal grilled foods as claimed in claim 15, further comprising at least a first and a second shaker near each of said first and said second ashtray suction inlets, said first and said second shakers being configured to shake said forge conveyer for the purpose of removing ash.

Claim 17 (New) A forge for preparing charcoal grilled foods as claimed in claim 6, wherein said first and second temperature sensors are heat flux sensors.

Claim 18 (New) A forge for preparing charcoal grilled foods having a leading edge, a trailing edge, and at least a first and a second heating section between said leading and said trailing edges, said forge comprising:

a forge conveyer, provided with means to control a transferring velocity of the forge conveyer, said forge conveyer being configured to horizontally transfer a pile of burning charcoals from a leading end of the forge conveyer to an exhaust outlet for the burned charcoals at a trailing end thereof, said forge conveyer being made of a heat-resistant material and having gas permeability;

at a first and a second temperature sensor located in said first and said second heating sections, respectively, and configured to detect the heating power inside each heating section of the forge;

at a first and a second variable output air blower means for supplying combustion air to the pile of burning charcoals in said first and said second heating power sections,

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respectively, on the basis of the detected heating power inside each heating power section of the forge; and

a transportation conveyer configured to hold and transport a plurality of foods being grilled by the burning charcoals.

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